

**pve**<sup>®</sup>

Pneumatic Vacuum Elevators & Lifts S.L.

# About PVE

Pneumatic Vacuum Elevators and Lifts S.L, is the original designer and manufacturer of the vacuum elevator. PVE is an innovative, technology-based company that has revolutionized the vertical transport.

Founded in 2002 in Miami, Florida, and currently works in Europe, PVE is proud to manufacture three models of vacuum elevators, for one, two, three passengers and a wheelchair.



# Benefits

- No pit excavation, hoist-way, or machine room required.
- Clean, quick and easy installation.
- Two, three and four stops (10.5m total rise)
- Ideal for new and existing homes due to the minimal footprint required to accommodate the structure.
- Self-supporting structure.
- “Green elevator”: minimal energy consumption.
- Elegant design. Panoramic 360 °.
- Minimal maintenance.
- Absolute safety: in the event of a power failure, the elevator cab automatically descends to the lowest level and the electromechanical door opens to allow passengers to exit.
- Long life.



# Components

Parts of the elevator

## Exterior Cylinder

Made up of an aluminum frame and polycarbonate panels.

## Elevator Car

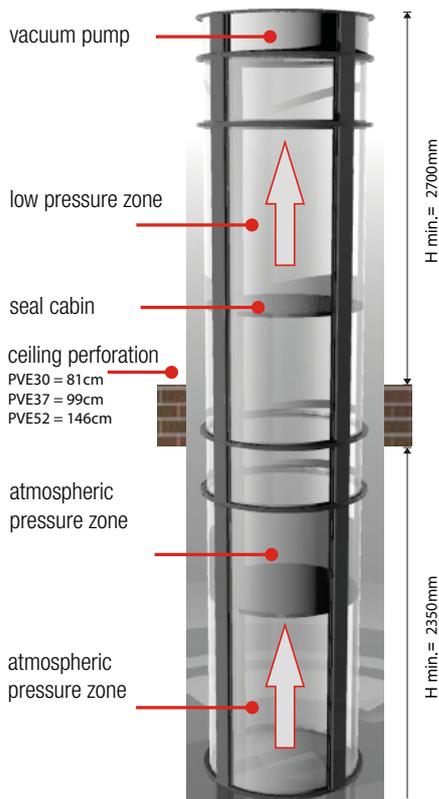
Made of steel, which houses the brake and safety mechanisms along with the proprietary seal located on top of the car.

## Suction Assembly

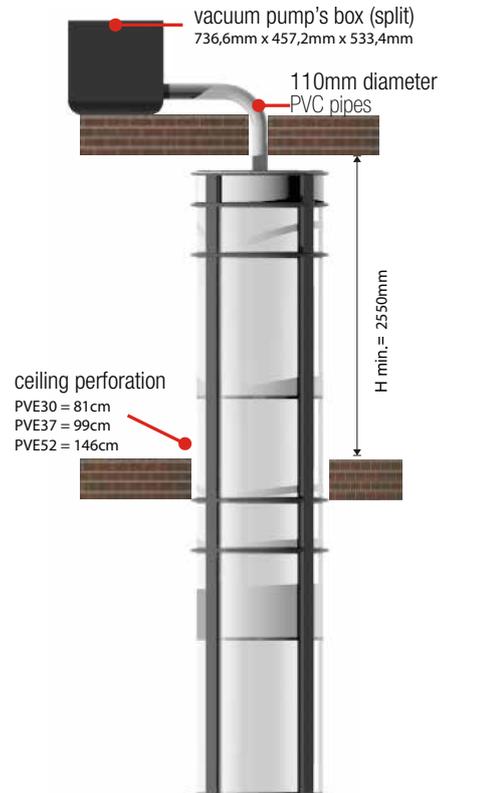
Two formats:  
- Head unit  
- Split unit

# Technical Specifications

## Head Unit



## Split Unit



# Options & Upgrades

## Standard Colors

- White
- Bluish Gray

## Special Colors

- Taupe
- Light Gray
- Black

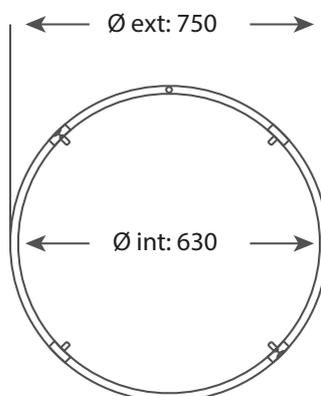
## Accessories

- Foldable Car Seat (PVE37 Only)
- Cabin Key Lock

# Models

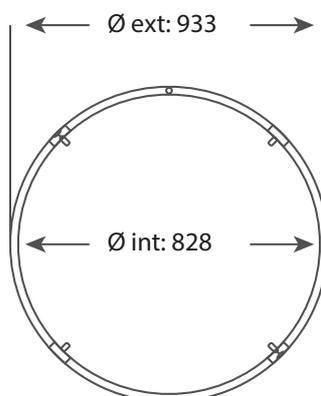
## PVE30

- **Power supply** 220 VAC - 60/50 Hz
- **Electronic circuit** Command and control 24 V
- **Motor power** 3 kW
- **Speed** 9 m/min or 15 cm/sec
- **Dimensions** External cylinder diameter 750 mm  
Internal cabin diameter 630 mm  
Internal cabin height 2007 mm
- **Total weight** 250 kg (up to 3 m of travel)
- **Maximum load** 159 kg (1 passenger)
- **Equipment** Automatic lighting and fan, phone
- **Warranty:** Two years from installation
- Machinery Directive 2006/42/EC
- CE marking



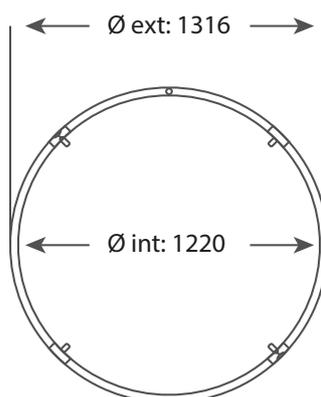
## PVE37

- **Power supply** 220 VAC - 60/50 Hz
- **Electronic circuit** Command and control 24 V
- **Motor power** 5 kW
- **Speed** 9 m/min or 15 cm/sec
- **Dimensions** External cylinder diameter 933 mm  
Internal cabin diameter 828 mm  
Internal cabin height 2007 mm
- **Total weight** 350 kg (upt to 3 m of travel)
- **Maximum load** 205 kg (2 passengers)
- **Equipment** Automatic lighting and fan, phone
- **Warranty:** Two years from installation
- Machinery Directive 2006/42/EC
- CE marking



## PVE52

- **Power supply** 220 VAC - 60/50 Hz
- **Electronic circuit** Command and control 24 V
- **Motor power** 6 kW
- **Speed** 9 m/min or 15 cm/sec
- **Dimensions** External cylinder diameter 1316 mm  
Internal cabin diameter 1220 mm  
Internal cabin height 2007 mm
- **Total weight** 530 kg (up to 3 m of travel)
- **Maximum load** 238 kg (3 passengers)
- **Equipment** Automatic lighting and fan, phone
- **Warranty:** Two years from installation
- Machinery Directive 2006/42/EC
- CE marking





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